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Main Patent

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Lipstick compound

The requirements placed on lipstick compounds are many and varied. In particular, the lipstick compound is not supposed to suffer great changes in condition as a result of temperature. In other words: in winter as in summer, it should have about the same consistency. The lipstick compounds known today usually do not meet these requirements. At lower temperatures, the compound gets harder and at higher temperatures, the compound tends to smear. Furthermore, the lipstick compounds are dissolved easily by saliva.

On the other hand, however, specific properties such as, for example, the easy detachment from the molds and the dispersion ability of pigments and other materials are essential. In this respect as well, many lipsticks only partially satisfy the requirements.

Surprisingly, it has now been found that it is possible to achieve a significant

improvement of the lipstick compounds by adding silicone. This results primarily in a stable, largely temperature-independent viscosity; the dispersion of the pigments is avoided, and foaming in the production of the lipstick compound is prevented. Additionally, lipstick compounds containing silicone are less soluble in saliva.

Principally, all lipstick compounds known today can be mixed with silicone. Generally, silicone oil or -fat or even silicone resins are added advantageously.

The percentages of silicone that can be added to the lipstick compound may vary widely. Advantageously, a silicone oil such as the product L-45 with a viscosity of 80,000 centistokes produced by Union Carbide, can be mixed with lanolin or castor oil and with the pigment as well, and processed into a paste, with said paste then being added

to the lipstick compound. In this case, one would use approximately 2% silicone oil, which renders the viscosity of the lipstick compound largely temperature-independent. However, it is also possible to construct basic compounds on the basis of silicone and add only the required coloring- and odor agents. Some of the silicones known today can be readily processed to meet all requirements posted on a lipstick compound.

Experiments have shown that a small amount of silicone may be sufficient to largely avoid any of the initially described disadvantages.

The composition for a lipstick compound of this type, which contains silicone, is listed in the following in detail:

	Total part per weight in grams
Lanolin	10
Isoproyl-myristate	5
Bees wax	7
Carnauba [Brazil] wax	3
Candelilla wax	7
Ozocerite wax	3
Silicone oil (L-45)	10
Castor oil	55
Bromic acid	3
Pigment (lacquer)	12
Perfume	1

PATENT CLAIM

Lip stick compound, characterized in that it comprises a silicone in addition to other substances.

SUBORDINATE CLAIMS

1. Lipstick compound in accordance with the patent claim, characterized in that it comprises silicone oil.

2. Lipstick compound in accordance with the patent claim, characterized in that it comprises silicone fat.

3. Lipstick compound in accordance with the patent claim, characterized in that it comprises silicone resin.

4. Lipstick compound in accordance with the patent claim, characterized in that it comprises silicones, color- and odor substances as well as pigments.

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